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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/797,085	03/11/2004	Ryoji Matsumura	119061	4356

25944 7590 09/18/2006

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EXAMINER

EHNE, CHARLES

ART UNIT	PAPER NUMBER
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2113

DATE MAILED: 09/18/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/797,085	MATSUMURA, RYOJI	
	Examiner	Art Unit	
	Charles Ehne	2113	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 2, 4-7, 9-12, 14 and 15 is/are rejected.
- 7) ☒ Claim(s) 3, 8 and 13 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1,2,4-7, 9-12,13 and 15 are rejected under 35 U.S.C. 102(e) as being unpatentable by Parks (US 6,898,733).

As to claim 1, Parks discloses a cooperative processing apparatus for executing a cooperative process of respective services based on cooperative instruction information representing an instruction for cooperating a plurality of services for respectively executing predetermined processes on document data, on a network, the cooperative processing apparatus comprising:

an error determining section that determines an error which occurs in a service in the cooperative process (column 2, lines 14-15);

a document detecting section that detects the presence or absence of document data processed by the cooperative process (column 3, lines 49-57); and

a cooperative control section that reexecutes the cooperative process based on the error determined by the error determining section and the presence or absence of document data detected by the document detecting section (column 3, lines 58-61).

As to claim 2, Parks discloses the cooperative processing apparatus according to claim 1, further comprising a service type determining section that determines types of

Art Unit: 2113

the services constituting the cooperative process, wherein the cooperative control section reexecutes the cooperative process further based on the service types determined by the service type determining section (columns 5-6, lines 66-4).

As to claim 4, Parks discloses the cooperative processing apparatus according to claim 2, wherein when a service type determined by the service type determining section is a type of noncancelable service, the cooperative control section reexecutes the cooperative process so as to skip the noncancelable service (column 3, lines 58-61).

As to claim 5, Parks discloses the cooperative processing apparatus according to claim 1, wherein when an error determined by the error determining section is an unrecoverable error and the document detecting section detects that document data are not present, the cooperative control section carries out a predetermined notification (column 4, lines 1-3).

As to claim 6, Parks discloses a cooperative processing method of making a computer execute a cooperative process of respective services based on cooperative instruction information representing an instruction for cooperating a plurality of services for respectively executing predetermined processes on document data, on a network, the method comprising:

a step of determining an error which occurs in a service in the cooperative process (column 2, lines 14-15);

a step of detecting the presence or absence of document data processed by the cooperative process (column 3, lines 49-57); and

a cooperative control step of reexecuting the cooperative process based on the error determined at the error determining step and the presence or absence of document data detected at the document detecting step (column 3, lines 58-61).

As to claim 7, Parks discloses the cooperative processing method according to claim 6, further comprising a service type determining step of determining types of services constituting the cooperative process, wherein at the cooperative control step, the cooperative process is reexecuted further based on the service types determined at the service type determining step (columns 5-6, lines 66-4).

As to claim 9, Parks discloses the cooperative processing method according to claim 7, wherein when a service type determined at the service type determining step is a type of noncancelable service, the cooperative process is reexecuted so that the noncancelable service is skipped at the cooperative control step (column 3, lines 58-61).

As to claim 10, Parks discloses the cooperative processing method according to claim 6, wherein when an error determined at the error determining step is an unrecoverable error and the absence of document data are detected at the document detecting step, a predetermined notification is carried out at the cooperative control step (column 4, lines 1-3).

As to claim 11, Parks discloses a cooperative processing system comprising:
a plurality of service processing apparatuses for cooperatively executing a plurality of services for respectively executing predetermined processes on document data, on a network (column 3, lines 13-16 & lines 32-34); and

a cooperative processing apparatus for making the service processing apparatuses execute a cooperative process based on cooperative instruction information representing an instruction for cooperatively executing the services, wherein the cooperative processing apparatus includes (column 3, lines 19-23),

an error determining section that determines an error which occurs in a service in the cooperative process (column 2, lines 14-15),

a document detecting section that detects the presence or absence of document data processed by the cooperative process (column 3, lines 49-57), and

a cooperative control section that reexecutes the cooperative process based on the error determined by the error determining section and the presence or absence of document data detected by the document detecting section (column 3, lines 58-61).

As to claim 12, Parks discloses the cooperative processing system according to claim 11, wherein: the cooperative processing apparatus further includes a service type determining section that determines types of the services constituting the cooperative process; and the cooperative control section reexecutes the cooperative process further based on the service type determined by the service type determining section (columns 5-6, lines 66-4).

As to claim 14, Parks discloses the cooperative processing system according to claim 12, wherein when a service type determined by the service type determining section is a type of noncancelable service, the cooperative control section reexecutes the cooperative process so as to skip the noncancelable service (column 3, lines 58-61).

Art Unit: 2113

As to claim 15 Parks discloses the cooperative processing system according to claim 11, wherein when an error determined by the error determining section is an unrecoverable error and the document detecting section detects that document data are not present, the cooperative control section carries out a predetermined notification (column 4, lines 1-3).

Allowable Subject Matter

Claims 3,8 and 13 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles Ehne whose telephone number is (571)-272-2471. The examiner can normally be reached on Monday-Friday 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Beausoliel can be reached on (571)-272-3645. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2113

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


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